

## RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical  
Information Center (STIC) no errors detected.

Application Serial Number: 10/575,697  
Source: IFWP  
Date Processed by STIC: 5-3-06

***ENTERED***

CRF Errors Edited by the STIC Systems Branch

Serial Number: 10/575,697

CRF Edit Date: 5-3-06  
Edited by: XL

\_\_\_ Realigned nucleic acid/amino acid numbers/text in cases where the sequence text "wrapped" to the next line

\_\_\_ Corrected the SEQ ID NO. Sequence numbers edited were:

\_\_\_\_\_

\_\_\_ Inserted or corrected a nucleic number at the end of a nucleic line. SEQ ID NO's edited:

\_\_\_\_\_

☒ Deleted: ☒ invalid beginning/end-of-file text ; \_\_\_ page numbers

\_\_\_ Inserted mandatory headings/numeric identifiers, specifically:

\_\_\_\_\_

\_\_\_ Moved responses to same line as heading/numeric identifier, specifically:

\_\_\_\_\_

\_\_\_ Other:

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_



IFWP

## RAW SEQUENCE LISTING

DATE: 05/03/2006

PATENT APPLICATION: US/10/575,697

TIME: 07:54:48

Input Set : A:\pto.kd.txt

Output Set: N:\CRF4\05032006\J575697.raw

3 <110> APPLICANT: Olsen, Carsten  
 4 Rasmussen, Michael Dolberg  
 6 <120> TITLE OF INVENTION: Method for Stable Gene-Amplification in a  
 Bacterial Host Cell  
 8 <130> FILE REFERENCE: 10442.204-US  
 C--> 10 <140> CURRENT APPLICATION NUMBER: US/10/575,697  
 C--> 10 <141> CURRENT FILING DATE: 2006-04-12  
 10 <160> NUMBER OF SEQ ID NOS: 17  
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435 tgatccggcg ataactctcg agttgtttgt ttcttgctag acggaactca atgctctcgt      2460
437 catattccgg aacgatgtaa tggtaatttg tattaacca ttttgtcatt tcactagata      2520
439 cagcgtcttt gattccgcgg gcgatagcga agtatgtatc ggtagcgtca gtcaaatgtc      2580

```

RAW SEQUENCE LISTING ERROR SUMMARY  
PATENT APPLICATION: US/10/575,697

DATE: 05/03/2006  
TIME: 07:54:49

Input Set : A:\pto.kd.txt  
Output Set: N:\CRF4\05032006\J575697.raw

Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:8; N Pos. 5067 ✓



**VERIFICATION SUMMARY**

PATENT APPLICATION: US/10/575,697

DATE: 05/03/2006

TIME: 07:54:49

Input Set : A:\pto.kd.txt

Output Set: N:\CRF4\05032006\J575697.raw

L:10 M:270 C: Current Application Number differs, Replaced Current Application No

L:10 M:271 C: Current Filing Date differs, Replaced Current Filing Date

L:523 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:8 after pos.:5040

## **Raw Sequence Listing before editing (for reference only)**

---



IFWP

## RAW SEQUENCE LISTING

DATE: 05/01/2006

PATENT APPLICATION: US/10/575,697

TIME: 09:46:02

Input Set : A:\01-SQ Listing-12 Apr 2006.txt

Output Set: N:\CRF4\05012006\J575697.raw

3 &lt;110&gt; APPLICANT: Olsen, Carsten

4 Rasmussen, Michael Dolberg

6 &lt;120&gt; TITLE OF INVENTION: Method for Stable Gene-Amplification in a Bacterial Host Cell

8 &lt;130&gt; FILE REFERENCE: 10442.204-US

C--&gt; 10 &lt;140&gt; CURRENT APPLICATION NUMBER: US/10/575,697

C--&gt; 10 &lt;141&gt; CURRENT FILING DATE: 2006-04-12

10 &lt;160&gt; NUMBER OF SEQ ID NOS: 17

12 &lt;170&gt; SOFTWARE: PatentIn version 3.3

## ERRORED SEQUENCES

Does Not Comply  
Corrected Diskette Needed

(PS, 2)

1055 &lt;210&gt; SEQ ID NO: 17

1056 &lt;211&gt; LENGTH: 400

1057 &lt;212&gt; TYPE: PRT

1058 &lt;213&gt; ORGANISM: Bacillus subtilis

1060 &lt;400&gt; SEQUENCE: 17

1062 Met Ser Lys Asn Arg Arg Leu Phe Thr Ser Glu Ser Val Thr Glu Gly

1063 1 5 10 15

1066 His Pro Asp Lys Ile Cys Asp Gln Ile Tyr Asp Ser Ile Leu Asp Glu

1067 20 25 30

1070 Ile Leu Lys Lys Asp Pro Asn Ala Arg Val Ala Cys Glu Thr Ser Val

1071 35 40 45

1074 Thr Thr Gly Leu Val Leu Val Ser Gly Glu Ile Thr Thr Ser Thr Tyr

1075 50 55 60

1078 Val Asp Ile Pro Lys Thr Val Arg Gln Thr Ile Lys Glu Ile Gly Tyr

1079 65 70 75 80

1082 Thr Arg Ala Lys Tyr Gly Phe Asp Ala Glu Thr Cys Ala Val Leu Thr

1083 85 90 95

1086 Ser Ile Asp Glu Gln Ser Ala Asp Ile Ala Met Gly Val Asp Pro Ala

1087 100 105 110

1090 Leu Glu Ala Arg Glu Gly Thr Met Ser Asp Glu Glu Ile Glu Ala Ile

1091 115 120 125

1094 Gly Ala Gly Asp Gln Gly Leu Met Phe Gly Tyr Val Cys Asn Glu Thr

1095 130 135 140

1098 Lys Glu Leu Met Pro Leu Pro Ile Ser Leu Ala His Lys Leu Ala Arg

1099 145 150 155 160

1102 Arg Leu Ser Glu Val Arg Lys Glu Asp Ile Leu Pro Tyr Leu Arg Pro

1103 165 170 175

1106 Asp Gly Lys Thr Gln Val Thr Val Glu Tyr Asp Glu Asn Asn Lys Pro

1107 180 185 190

1110 Val Arg Ile Asp Ala Ile Val Ile Ser Thr Gln His His Pro Glu Ile

1111 195 200 205

## RAW SEQUENCE LISTING

DATE: 05/01/2006

PATENT APPLICATION: US/10/575,697

TIME: 09:46:02

Input Set : A:\01-SQ Listing-12 Apr 2006.txt

Output Set: N:\CRF4\05012006\J575697.raw

```

1114 Thr Leu Glu Gln Ile Gln Arg Asn Ile Lys Glu His Val Ile Asn Pro
1115      210                      215                      220
1118 Val Val Pro Glu Glu Leu Ile Asp Glu Glu Thr Lys Tyr Phe Ile Asn
1119 225                      230                      235                      240
1122 Pro Thr Gly Arg Phe Val Ile Gly Gly Pro Gln Gly Asp Ala Gly Leu
1123                      245                      250                      255
1126 Thr Gly Arg Lys Ile Ile Val Asp Thr Tyr Gly Gly Tyr Ala Arg His
1127                      260                      265                      270
1130 Gly Gly Gly Ala Phe Ser Gly Lys Asp Ala Thr Lys Val Asp Arg Ser
1131                      275                      280                      285
1134 Ala Ala Tyr Ala Ala Arg Tyr Val Ala Lys Asn Ile Val Ala Ala Glu
1135      290                      295                      300
1138 Leu Ala Asp Ser Cys Glu Val Gln Leu Ala Tyr Ala Ile Gly Val Ala
1139 305                      310                      315                      320
1142 Gln Pro Val Ser Ile Ser Ile Asn Thr Phe Gly Ser Gly Lys Ala Ser
1143                      325                      330                      335
1146 Glu Glu Lys Leu Ile Glu Val Val Arg Asn Asn Phe Asp Leu Arg Pro
1147                      340                      345                      350
1150 Ala Gly Ile Ile Lys Met Leu Asp Leu Arg Arg Pro Ile Tyr Lys Gln
1151                      355                      360                      365
1154 Thr Ala Ala Tyr Gly His Phe Gly Arg His Asp Val Asp Leu Pro Trp
1155      370                      375                      380
1158 Glu Arg Thr Asp Lys Ala Glu Gln Leu Arg Lys Glu Ala Leu Gly Glu
1159 385                      390                      395                      400

```

E--&gt; 1165 21

*deleted*

**VERIFICATION SUMMARY**

PATENT APPLICATION: US/10/575,697

DATE: 05/01/2006

TIME: 09:46:03

Input Set : A:\01-SQ Listing-12 Apr 2006.txt

Output Set: N:\CRF4\05012006\J575697.raw

L:10 M:270 C: Current Application Number differs, Replaced Current Application No

L:10 M:271 C: Current Filing Date differs, Replaced Current Filing Date

L:523 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:8 after pos.:5040

L:1165 M:332 E: (32) Invalid/Missing Amino Acid Numbering, SEQ ID:17